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HONOR MIXTURE

**J. K. RUGOWSKI SEED COMPANY** MANITOWOC, WIS.

1981

**1921**

This Catalog Describes

**1921**

**J. K. RUGOWSKI'S**

**World's Finest Asters**

and

**Other Novelties that are Offered for Sale in 1921**

All are Mr. Rugowski's own Originations with a few exceptions

**J. K. RUGOWSKI SEED CO.  
MANITOWOC, WIS.**

## *Introduction*

John K. Rugowski of Manitowoc, Wis. has been doing some great work in the line of breeding fine flowers and vegetables. This work was taken up by him fourteen years ago in which time he has produced some wonderful Flowers and Vegetables that are being put on the market year after year.

In 1919 Mr. Rugowski put out his new tomato (Earliest Producer). Those who have tried it will always plant it. In the spring of 1920 Two New Asters were put out only in original packages of 50 seeds per package at \$1.50. All were sold long before he had expected. They were Pure Honor and Meritorious Pink. This season those same flowers will be sold in larger quantities and at a reduced price.

All the seed listed in this catalog were grown under Mr. J. K. Rugowski's own supervision from the time of starting the seed until put into packages. The plants were all absolutely free from blight or any other diseases. If there is any more particular person in his garden than Mr. Rugowski then ask some one who has visited his place who are easy to meet as there were thousands of them from all parts of the country last season, especially when everything looked at its best. Experts from large seed houses traveled hundreds of miles to inspect his crops who have also placed large orders for his seeds.

Mr. Rugowski has exhibited the Asters listed in this catalog at many places always winning First Prizes. All First Prizes at Manitowoc County Fair, 1920. All First Prizes at Wisconsin State Fair, 1920. Exhibited at Wisconsin State Florists' Association, Sept. 12, 1919, again Sept. 3, 1920. Here he had some job to convince some that they were not chrysanthemums. On the 16th day of Sept., 1920, exhibited at Commercial Flower Growers of Chicago. On another page read what they have to say regarding Mr. Rugowski's work in the line of improving.

While on this exhibit tour Mr. Rugowski also visited most of the leading wholesale florists in the larger cities. After showing his flowers at these places he could have returned home and started cutting all blooms and received \$10.00 per 100 when the best had been selling at this time between \$2.00 and \$3.00 at these places. This Mr. Rugowski refused as he wishes everybody to grow good Asters. This would be impossible if he sold his bloom in the market (where would the seed come from) as he is the only man that has ever produced this kind of Aster. As one expert said: "The Best in the World Bar None."

Mr. Rugowski had offered \$1000.00 to any person in America who could duplicate his Aster allowing the person 10 per cent depreciation. But none could show up. After the State Fair Exhibit, Governor Philipps received a bouquet of these Asters.

There is only one strain of Asters that will make money for the commercial grower in 1921—That is the Rugowski Strain.

There is only one strain of Asters that will please the owner of an estate—The Rugowski Strain.

One plant will pay for a package of seed when sold in the market. You get 250 seeds or over in each full size package; 125 seeds in half size package. Put up in two sizes.

Read over carefully each page, also select what you want today before all is gone.

## RUGOWSKI'S PURE HONOR ASTER



RUGOWSKI'S PURE HONOR ASTER

PURE HONOR ASTER is Mr. Rugowski's first New Origination in the Aster line. This flower was perfected several years ago but was not disseminated until the spring of 1920, when Mr. Rugowski had offered it for sale in Original Packages of 50 seeds for \$1.50 each package. Its beginning runs back for thirteen years when Mr. Rugowski had first commenced breeding plants. The pleasure came at last when Mr. Rugowski's labor had started to bear fruit for in this flower he has produced something that the best experts in the flower world have the highest praise for.

The bloom of this flower averages from  $3\frac{1}{2}$  to  $4\frac{1}{2}$  inches in diameter on long, single stems, about 90 per cent have no laterals at all. It is a branching variety. The blooms are so heavy as to lean toward the ground. There is no other white Aster that will retain its **Pure White Color** longer than the Pure Honor.

It will be Pure Honor to have this flower in your garden in 1921.

Seed of this Aster is put up in two sizes of packages, also in bulk.

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Full Size Package of 250 seeds or more-----	\$ 1.00
Half Size Package of 125 seeds or more-----	.50
Six Full Size Packages for-----	5.00
One Ounce in bulk, will plant an acre-----	25.00

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This is the Best White Aster ever put on the market. All lovers of Asters who have seen it have placed an order and so would you if you saw it.

First Prize Winners at the Wisconsin State Fair and other places. On exhibit at Florists' National Convention, Cleveland, O., 1920.

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Get our Regular Seed Catalog—Out January 1st, 1921.

## RUGOWSKI'S MERITORIOUS PINK ASTER



RUGOWSKI'S MERITORIOUS PINK ASTER

MERITORIOUS PINK ASTER deserves its name for the beauty of this flower cannot be explained on twice the amount of space on this page. The size is just as you see it here. It is a finest Flesh Pink on very long, straight stems. It is a branching variety, grows about 2½ feet high, very strong trunk. It will produce at least eight to twelve larger sized blooms than there ever appeared on the market. Also a large number of late blooms. It is mid-season and comes in right after Pure Honor. For a commercial purpose there is no other flower that can duplicate it for size, color and stem. Last Fall the blooms of Meritorious Pink if cut for the market would bring \$10.00 per 100 in any large city and an equal amount in any flower shop in the country.

This strain was also produced by Mr. Rugowski and put out for the first time in the Spring of 1920 in original packages of 50 seeds for \$1.50. All seed was sold long before Mr. Rugowski expected. Of course the supply was limited.

This season the supply is a great deal larger and for no reason should you omit this in your order. Whether you grow for pleasure or profit, one plant will pay for a full size package of seed. It takes no more space or time to grow good Asters than it does poor ones.

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Price Full Size Package of 250 seeds or more	\$ 1.00
Price Half Size Package of 125 seeds or more	.50
Price Six Full Size Packages	5.00
One Ounce, enough to plant an acre	25.00

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Read what was said about this flower at Chicago.

First Prize Winner at the Wisconsin State Fair and other places.

## RUGOWSKI'S DWARF AMERICAN BEAUTY



RUGOWSKI'S DWARF AMERICAN BEAUTY

DWARF AMERICAN BEAUTY is a great improvement over the well known American Beauty, especially for Commercial purposes. The Blooms are all of a uniform size, on long, straight stems from 14 to 18 inches long. It is of a dwarf habit and at no time do the blooms touch the ground.

This strain will produce at least 10 to 12 good marketable blooms without disbudding or pinching. In addition it will put out at least a dozen extra shoots with latteral than can be taken off when in full bloom without spoiling the stem for market purpose. The smaller blooms can be used for design work. The past season this strain has averaged over **Forty Blooms** to each plant. Grown on a large scale, at least half of this amount would be considered choice bloom that would bring fancy prices.

We plant all our Asters 2 by 3 feet. The blooms never show a sign of a center at no time. Neither will the most severe storms harm the plant. Not so with the American Beauty. When in its prime a slight storm does away with the best blooms.

Blooms of this strain were exhibited at the Wisconsin State Fair where they took First Prize. Also exhibited at Chicago in many places, especially at the Commercial Flower Growers' Meeting at Chicago, Sept. 16th, 1920.

The seed of this Aster is going out for the first time at prices everybody can afford.

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Full Sized Package, 250 seeds or over-----	\$ .40
One-half Sized Package, 125 seeds or over-----	.20
Six Full Sized Packages-----	2.00
One Ounce, enough seed for an acre-----	15.00

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We First Show our Flower for Opinion Before We Offer.

## RUGOWSKI'S HONOR MIXTURE ASTER



RUGOWSKI'S HONOR MIXTURE ASTER

RUGOWSKI'S HONOR MIXTURE consists of a New Strain of Asters of all colors. Colors in this mixture are: Purple, Red, Lavender, Pink, White and Rose. This is a strain of Pure Honor crossed with a Crego. It is a branching variety, dwarf in growth, same as Dwarf American Beauty. This strain will outclass any Aster after Mr. Rugowski gets all colors distinct which he expects to have the following season. Mr. Rugowski did not wish to put this on the market this season on account of not having distinct colors, but was induced by expert seedsmen to put it out as a mixture, that would save the seed from going to waste. So we have made up to list this in a mixture only. Of course it would not be the best for commercial purposes unless put in on a large scale to have enough of each color for a good cutting of each, yet where a mixed Aster is desired there is nothing better to be had. The average blooms run from 4 to 6½ inches in diameter. The shapes vary some as you will find on front page of catalog.

Parties who make a business of growing plants for sale will gain many satisfied customers by using this mixture. You would want nothing better in your front yard. This will be listed with some of the best seed houses in the country who have placed an order for same after seeing it in the field. There must be a reason.

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Full Size Package of 250 seeds or over-----	\$ .40
Half Size Package of 125 seeds or over-----	.20
Six Full Size Packages-----	2.00
One Ounce, enough seed for an acre-----	15.00

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Good Strain of Seed Produces Good Blooms.

## RUGOWSKI'S RED FEATHER ASTER



RUGOWSKI'S RED FEATHER ASTER

This Aster like all other flowers has its lovers. This was particularly noted at the numerous exhibits we have had in the past. Where you find a person that takes a liking to single Dahlias he cannot help but take a fancy to this Aster.

The wide outspreading petals measuring nearly seven inches across on a long, straight stem, several petals covering its center and the brilliant color will take any such fancier's eye.

This strain has been propagated by Mr. Rugowski for several years and it is now on sale for the first time. The stock is limited and will be sold in packages only, same size as all others, 250 seeds in a full size package. These blooms when cut will stand up a great deal longer than any Aster known without getting a fresh supply of water. For this one reason it is a good one to grow where flowers are carried to cemeteries, where fresh supply of water is not obtained.

Plants are dwarf branching, no laterals, and will produce from 14 to 20 blooms to each plant, the size of cut, if planted as we do 2 by 3 feet.

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Full Size Package, 250 seeds or over-----	\$ .40
Half Size Package, 125 seeds or over-----	.20
Six Full Size Packages for-----	2.00

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Not over six packages to one party.

If You Love Single Dahlias—Try This.

## RUGOWSKI'S 101 ASTER



RUGOWSKI'S 101 ASTER

101 ASTER sounds as a peculiar name for a flower. Some would think that the name was selected from the well-known Wild West show, "The 101 Ranch" that has traveled all over the country and which millions have seen and enjoyed very much. Now with the 101 Aster we are sure that there will be equally as many enjoying this flower as there were at the "101 Ranch" show.

The original plant of the 101 Aster has actually produced 101 fancy blooms, all opened up at the same time. When a photo was taken of it in the field with Mr. Rugowski admiring it, someone suggested what he would call it. For the present it will be the 101 Aster, and this is the name it will be known by in the future.

The 101 Aster comes in two distinct colors that are very odd in the Aster family. One is a Majenta, or dark red and the other is Blue Plum, running into Purple.

This strain is a branching variety with many laterals. Some very long stems grow about 2 feet tall or over if planted 2 by 3 feet in good rich soil. Each plant should produce at least 101 blooms, averaging from two to three inches across. The plant in the illustration had 142 blooms when pulled out ready for the camera.

For Design Work there is no Aster to compare with it.

Full Size Package, 250 seeds or over	\$ .40
Half Size Package, 125 seeds or over	.20
Six Full Size Packages	2.00
One Ounce, enough to plant an acre	15.00

(Use Order Sheets to Fill Out Your Orders)

NEW COLORS OF THIS ASTER IN 1922

## RUGOWSKI'S EAGLE ASTER



RUGOWSKI'S EAGLE ASTER

The EAGLE ASTER as Mr. Rugowski calls it was named after the Fraternal Order of Eagles of which order Mr. Rugowski is a member. Not only a member but his place of business is located just across the street from the proposed New Club House that is now under construction—the finest in the country.

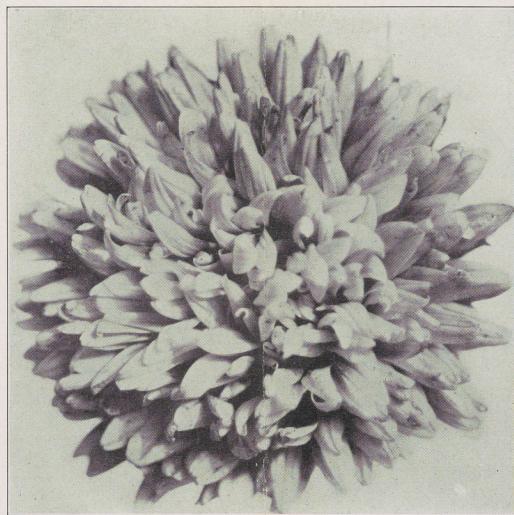
Mr. Rugowski has worked on this Aster nearly ten years. He has it in two colors that are distinct. One in White and Crimson that runs 99% pure. There is also a Grand Mixture that runs in all shades from Dark Purple to the Most Delicate Pink. This mixture will please everybody where different shapes of flowers are desired. We do not recommend this for commercial purposes, but it cannot be beat for Design Work. It is mid-season, comes in right after the Hohenzolern. Bloom of immense size and very full.

Every member of the Fraternal Order of Eagles that buys the White Eagle Aster is doing his bit toward the New Club House, that is now under construction. All money derived from the White Eagle Aster will be donated toward this building. If you are an Eagle, when placing your order give full name and your number of membership. Ladies belonging to the Auxiliary should do the same. Eagles should boost this one to the limit.

White Eagle, full size package, 250 seeds or over	25c
Crimson Eagle, full size package, 250 seeds or over	25c
Mixed Eagle, full size package, 250 seeds or over	20c

This strain of Asters is being put out for the first time. Make it a White Eagle for the Club House. In 1922 you should be able to get the Golden Eagle, a fine yellow Aster that Mr. Rugowski now has underway.

# IMPROVED QUEEN OF THE MARKET ASTER



**IMPROVED QUEEN OF THE MARKET ASTER**

There should have been more attention paid to this strain of Asters in the past, as there have been some of the best growers who have cast this aside for a few reasons. Most everybody buys his seed and after trying at the different places there was no relief. The strain was always getting worse, instead of better. Where good long stems were desired for market purpose the strains have put out too many small laterals.

Mr. Rugowski, the past few years, has improved this strain to such an extent that the commercial grower will again plant on a large scale, as the strain we have has but a very few laterals, at least 60% of all colors have no laterals at all. Each bloom comes on a long straight stem from 12 to 14 inches long with a good sized bloom.

Blooms of this strain were on exhibit at the Florists' National Convention at Cleveland, Ohio, where Mr. Rugowski was personally with his

exhibit of Asters. These got special mention at the time. There were large orders placed for this Aster at this time by some of the leading florists of the country from Boston to San Francisco.

The supply of this seed is limited to package form only, in the following colors: Crimson, Purple, Lavender, White and Rose. Rose is somewhat mixed with a light Pink. This strain should be planted 1½ by 2 feet.

Full Size Package, 250 seeds or over	\$ .40
Half Size Package, 125 seeds or over	.20
Six Full Size Packages	2.00

Not sold in Bulk.

If you want some of this strain you must place your order early. Good blooms find a ready sale, poor ones are left over. Why not grow good ones?

**RUGOWSKI'S ASTERS LEAD THEM ALL**

## RUGOWSKI'S MANITOWOC ASTER



RUGOWSKI'S MANITOWOC ASTER

The illustration on this page is PURPLE HONOR. Mr. Rugowski has tried his best to give you an opportunity to grow this flower in 1921—his efforts have failed so far. He has the strain to perfection but color does not run true. So we have decided not to offer Purple Honor this season. No doubt there will be many disappointments by those who have seen this Aster and who would pay any price asked if it could only be had. The blooms of Purple Honor resemble Pure Honor, but not quite so shaggy. There is no sign of a center at any time, in fact it would be hard to detect where the center would be. Seed of this Aster at all times will not be plentiful as it will require a special process to ripen it on account of its fullness and subjected to wetten out.

In place of the PURPLE HONOR we will offer the MANITOWOC

ASTER, same shape and size of blooms. Instead of a dwarf growth it is a tall variety. Comes in mixed colors: white, pink and rose only. Where tall Asters are wanted the Manitowoc Aster has no equal. Very large flowers on very long straight stems. This strain should be planted 2 by 3 feet if good results should be had.

This Aster as some of the other strains could not be omitted to produce distinct colors. It might take years of hard labor to do it.

Full Size Package, 250 seeds or over	.....	\$ .40
Half Size Package, 125 seeds or over	.....	.20
Six Full Size Packages	.....	2.00

Not Sold in Bulk.

**MANITOWOC IS NOW ON THE MAP ON ASTERS THE WORLD OVER**

## *Various Varieties on this Page*

### AMERICAN BEAUTY ASTER

Some years ago this flower was all the rage in the Aster line. Even today it is one of the Best Red Asters of the old varieties. It is a tall grower. Produces large bloom, long stems, sometimes measuring 2 feet or over. We have this strain as pure as can be had by careful selecting only that has greatly benefited this fine Aster. Plant 2 by 3 feet, in a sheltered place from severe wind on account of its crispy stock.

Large Trade Package	\$ .20
Regular Full Size Package	.10
Six Trade Packages	1.00
One Ounce, enough seed for an acre	2.00

### GIANT COMET ASTER

GIANT COMET ASTER comes in bloom when all other varieties have lost their beauty. We have a good strain of Comets in two colors only, Rose and White.

Blooms are very large. The stem of Giant Comet does not warrant its use for commercial purpose.

Full Size Package, 250 seeds or over	\$ .20
Half Size Package, 125 seeds or over	.10
Six Full Size Packages	1.00
One Ounce, enough seed for an acre	2.00

### EARLY CHINA ASTER

Where Early Asters are desired EARLY CHINA ASTERS will always find some space in everybody's garden. The plants are of a dwarf growth and produce all the way from 15 to 20 blooms. About 90% are non-lateral, having a small tendency of showing a center. This Aster is in full bloom the latter part of July from seed sown April 15th. In Light Pink only.

Large Trade Packages	\$ .20
Full Size Package	.10
One Ounce	1.75

### VICKS WHITE KING ASTER

For several years we have been growing several hundred plants of VICKS WHITE KING. We have some of this seed to offer in packages and in bulk.

Large Trade Package	\$ .10
Per One Ounce	.10

(Use Order Sheets to Fill Out Your Orders)

Read the Direction how Mr. Rugowski grows his Asters. If you will follow them, there should be no reason why you cannot grow as good Asters as he does. There is no secret in growing good Asters. All it requires is Good Seed, Plenty of Plant Food and Good Tillage. Of course you could not grow good flowers with a poor strain of seed. Mr. Rugowski is willing to challenge the world with his strain of Asters. The best experts are willing to back him to the limit. As one judge said: "Best in the world barring none." They need not be flattered, they are all there.

## COMMERCIAL FLOWER GROWERS OF CHICAGO

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*Say it with Flowers*

OFFICE OF  
 OTTO H. AMLING  
 SECRETARY

MAYWOOD, ILL.  
 Sept. 17, 1920.

Mr. J. K. Rugowski,  
 Manitowoc, Wis.

Dear Sir:

In compliance with your request, I am sending herewith report of judges on your recent exhibit at the meeting of the Commercial Flower Growers of Chicago, on September 16th, as follows:

"Mr. J. K. Rugowski of Manitowoc, Wis. exhibited a couple of vases of new Asters, only one vase being judged, the other being made up of several seedlings of great promise. One will be known as "Dwarf American Beauty", deserves attention in the future when we shall know more about it.

A perfect vase of "Meritorious Pink" scored the following points:

Color	25
Size	40
Stem	15
Substance	10
Total	90

Mr. Rugowski is doing some wonderful work in improving Asters and deserves all possible assistance and encouragement from our organization.

H. Jepsen  
 H. Wehrmann

We wish to thank you for your exhibit and for the interest you have shown in our affairs. We remain

Yours very truly,

COMMERCIAL FLOWER GROWERS OF CHICAGO

*Ott H. Amling*  
 Secretary

OHA:WG

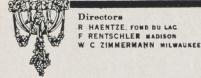
The above Recommendations are enough Proof of what Mr. Rugowski has done in Improving Asters

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H. J. SEEL, SECRETARY  
 462 MILWAUKEE STREET  
 MILWAUKEE

September 15th, 1919

J. K. Rugowski,  
 Manitowoc, Wis.

Dear Sir:

In the name of the Wisconsin State Florists' Ass'n, I wish to thank you for your exhibit of both the pink and white Asters, at our annual meeting held at Milwaukee September 12th.

I am transmitting herewith the resolution passed at that meeting, endorsing these asters as being a very meritorious flower. It was the sense of the resolution that these asters be endorsed by the association as having the largest flower and longest stems and in every way being superior to any aster thus far seen in the market. It is with pleasure indeed, that I am permitted to send this message.

With best wishes for the future success of this flower, I am

Yours very truly

WISCONSIN STATE FLORISTS' ASS'N

*H. J. Seel*  
 Secretary

HJS/MJ

PETER HENDERSON & CO.  
 Seedsman

New York City

Mr. J. K. Rugowski:

The sample flowers of Asters shown were the finest type of Comet or Ostrich Plume or Crego that I have ever seen in 32 years' experience.

C. LITTLEFIELD.

## EARLIEST PRODUCER TOMATO



EARLIEST PRODUCER TOMATO has shown wonderful results wherever grown the past two seasons. This seed was first put out in 1919 in original packages only. In the spring of 1920 the demand for quantities in pound lots had increased to such an extent from those who had given it a trial in 1919 that we have grown acres of them for seed purposes only. We have harvested a good crop. The tomatoes were pulped out right on the field and the pulp put back on the soil for fertilizer. The seed of this strain is 99% pure and at no time was it grown by any other person for seed purpose than by Mr. Rugowski, the originator. All plants are inspected by him personally and all fruit before selecting for seed is gone over with the utmost care to hold this strain as pure as possible. We do not believe that there is another variety of Tomato that is being grown for seed purpose that gets more attention than EARLIEST PRODUCER TOMATO.

The fruit is a fine red, oval shape, perfectly smooth. This tomato will ripen up as early as Earlyanna. 98% of fruit has no scars of any kind. It is a good shipper and excellent keeper, very meaty, and has small seed cells.

Price per Package .....	\$ .10
Price per One-half Ounce .....	.55
Price per One Ounce .....	1.00
Price per One Pound .....	12.00
One Ounce of Seeds will produce plants enough for one acre.	

(Use Order Sheets to Fill Out Your Orders)



A Few Pounds of Early Tomatoes are Worth More than a Bushel Later On.

# BLIGHT RESISTING POTATO



Potatoes to left are free from blight, all to right blighted, 1920,  
Photo taken Aug. 24th. All received same care and treatment.

This Potato was originated by Mr. Rugowski, also propagated for the last five years. In the spring of 1920 it had shown its appearance outside of Mr. Rugowski's own hands when it was offered for sale at 4 lbs. for \$1.00. The demand was so great for this Potato that in a short time orders had to be canceled, as a limited amount was only intended to make tests of in the different climates. Had all orders been filled there would be no stock left for propagating. But Mr. Rugowski knew better. So this season you can safely place your order for Rugowski Potato and have your order filled, if you do not wait until planting time, as orders are coming in now for Bbl. lots instead of 4 lbs. which was the limit per customer last season.

This Potato will be sold in the following form at prices that it deserves to produce such:

I Carton, containing 75 good, sound cuttings of 1 or 2 eyes	\$1.00
6 Cartons, each containing 75 sound cuttings of 1 or 2 eyes	5.00
One Bushel, bulk	\$10.00
One Bbbl. of 2½ bushels	25.00

Cooks  
Mealy  
Stays  
Together

Best  
Baking  
Oblong  
Shape

Pure  
White  
Shallow  
Eyes



A  
This Photo was taken latter part of Aug., 1918. In the row to the right were eleven varieties of Potatoes, to the left four varieties, all blighted. The row where arrow points did not blight—This is the RUGOWSKI.

Read the following clipping from The Seed World of Sept. 3, 1920:

## LATE POTATO BLIGHT STRIKES OHIO CROP

Warnings are issued to potato growers of Ohio by the department of botany at the Ohio Experiment Station, Wooster, that late blight is spreading rapidly. As the cool, moist weather of the season is particularly favorable to its development, there may be a widespread and serious infection. Potato growers are urged to spray with Bordeaux mixture 4-5-50 thoroughly so that the lower as well as the upper sides of the leaves are well covered.

Plant lice and leaf hoppers are numerous on potatoes this year. These little insects are on the under side of the leaves and assist in disseminating the spores of the fungus. By adding black leaf 40, 1 part to 800 parts of spray, to the Bordeaux the insects can be exterminated. The department also urges potato growers to keep on the lookout for hills which resist attack and to dig these separately for seed.

Mr. Rugowski has had this kind of Potato the last five years. It is at your disposal now. The yield of this potato in 1920 was over 400 bu. per acre.

You will have an opportunity to see this potato at digging time, in Moving Pictures, together with all other novelties in this catalog.

Bushel and Barrel Lot F. O. B. Manitowoc, Wis.  
Add Parcel Post Rates to Potatoes in Cartons.

## GIANT FRILLED PANSY



RUGOWSKI'S GIANT FRILLED PANSY

This Pansy was propagated by Mr. Rugowski for several years. Crossed and crossed over and over again until the season of 1920 when he has produced what he wanted. The blooms are fully as large as the well-known Masterpiece Pansy on long stems. They are very double as the illustration will show. About 95% are frilled in some of the finest colors that were ever seen in Pansies.

The supply of this stock is very limited. Put up in trade packages only of 1000 seeds.

Full Trade Package, 1000 seeds ..... 75c

If you want seeds of this stock for 1922 we will book your order, prices on application. We have several orders booked now for Fall delivery of 1921 or Spring of 1922.

Mr. Rugowski has created more Finer Flowers and Vegetables the last thirteen years than any other person living.

## RUGOWSKI'S WAX BEAN



RUGOWSKI'S WAX BEAN

This bean will produce more pods of uniform size than any other of the wax variety. The seed itself is 25% smaller than the well-known Curries Rust Proof Wax from which it was originated. Its color is somewhat purple instead of black. Where beans are used on a large scale this seed will plant 25% more space than other varieties.

The pods are somewhat shorter than Curries Rust Proof but comes in several days earlier. Market gardeners who are always looking for Early Beans will find the Rugowski Wax is just what is wanted. A few days count big in dollars. The early outdoor vegetables always bring a lot of money. The Rugowski Wax is the Very Earliest of them all.

The supply is limited this season to packages only.

1 Ounce Package	.....	\$ .25
5 Ounce Package	.....	1.00

We would like to have everybody try this bean so do not order over 5 packages as this is the limit to one party this season.

In 1922 Mr. Rugowski is going to put out a New Wax Bean, Pencil Podded, that will be grown by canners. A good test was made last season of this bean as a canner.

(Use Order Sheets to Fill Out Your Orders)

## How To Grow Asters

Everybody can grow this flower successfully if he or she will follow these directions. These are the points that Mr. Rugowski recommends to make a success:

### A GOOD STRAIN OF SEED, GOOD PLANT FOOD, GOOD TILLAGE.

Any soil will produce Good Asters where these three points are observed.

The soil must be free from fungus or acid. If your soil contains fungus to any extent use as much coal ashes as you possibly can get, well sifted through  $\frac{1}{4}$  in. screen. Put on broadcast at rate of four to five tons to an acre. Although they contain no plant food they will do away with certain fungus that does harm to the plants.

If your soil contains acid, tile it at once. Use about one and one-half ton of air slacked lime per acre or three tons of ground lime stone. This is the only remedy for acid soil.

**PLANT FOOD**—You can never get too much plant food. Where humus is available it should be used freely. Also a good commercial fertilizer of high grade at rate of 25 lbs. per 1000 sq. ft. Use a good Bone Meal 3-24 formula, or a complete fertilizer, 2-8-4 or 3-8-6. That is 2% nitrogen, 8% phosphate and 4% potash. Use this broadcast just before preparing land. It should be well worked into the soil about four or five inches deep.

**GOOD STRAIN OF SEED**—It is absolutely necessary to have a good strain of seed to produce a good flower or vegetable.

**GOOD TILLAGE**—Good Tillage is as important as good seed for if you neglect to work your crops the Best Seed is no good.

Asters should not be crowded to get the best results of them. Where land is plentiful they should be set out at least 2 by 3 feet apart each way. Where only one row is set out, plants should not be closer than 18 inches apart.

Seed should not be put in too early. We never start our seed until April 1st in a hot bed or greenhouse. Transplant latter part of May until July 1st if succession is wanted.

When plant shows its first bud, pinch it off. This will spread the plant. This should be done regardless of how you would love to see the first bloom.

If you follow the above directions you can meet me at Washington, D. C., third week in August, 1921, where Mr. Rugowski will be again to exhibit a number of New Asters and other flowers he has under way.

There will soon be a surprise sprung by Mr. Rugowski, who is Some Grower and Propagator in Gladiolus.

# J. K. RUGOWSKI'S MOTTO

*Work -- Wait -- Win*

*Work Hard--Wait Long--Win Success*

*An Aster of Beauty is a Joy Forever*

**Thank You!**

**J. K. RUGOWSKI**

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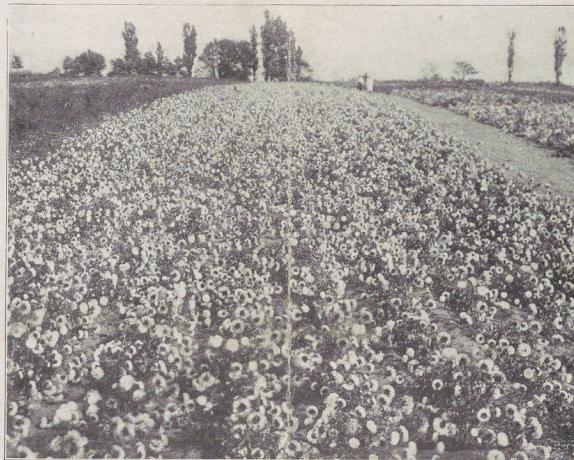
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## MERITORIOUS PINK ASTER

PLANTED 2 by 3 FEET

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Bloom from this field if cut for market would bring \$10.00 per 100 in 1920.

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THERE MUST BE A REASON

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